

Docket No.: PA002P1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Birse et al.

Application No.: 10/036,542

Confirmation No.: 4848

Filed: January 7, 2002

Art Unit: 1646

For: Human Protein HSPAF01 (as amended)

Examiner: P. Mertz

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of a claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to references AA-AJ listed on the attached Form PTO/SB/08. A copy of each of references AA-AJ is enclosed.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. See 37 CFR § 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be considered during the prosecution of this application.

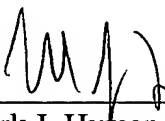
Identification of the listed references are not to be construed as an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.

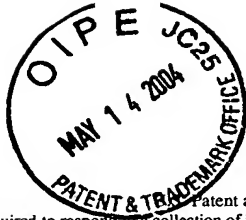
Pursuant to 37 C.F.R. § 1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Human Genome Sciences, Inc., deposit account no. 08-3425.

Dated: May 14, 2004

Respectfully submitted,

  
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PTO/SB/08 (08-00)  
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	10/036,542
				Filing Date	January 7, 2002
				First Named Inventor	Birse et al.
				Group Art Unit	1646
				Examiner Name	Mertz, P.
Sheet	1	of	1	Attorney Docket Number	PA002P1

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AA	WO	99/62939	A1	Tisdale, M.J. and Todorov, P.T.	12-09-1999		

OTHER REFERENCES - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AB	GENESEQ Accession No. AAY07773, Human Genome Sciences, Inc., "Human secreted protein fragment encoded from gene 30," (February 1999).	
	AC	PIR Accession No. A54175, "zinc-alpha-2-glycoprotein precursor – human," (September 1994).	
	AD	SWISS-PROT Accession No. P25311, "ZA2G_HUMAN," (May 1992).	
	AE	ARAKI, T. <i>et al.</i> , "Complete amino acid sequence of human plasma Zn-α <sub>2</sub> -glycoprotein and its homology to histocompatibility antigens," <i>P.N.A.S.</i> 85:679-683 (February 1998).	
	AF	FREIJE, JP <i>et al.</i> , "Human Zn-alpha 2-glycoprotein cDNA cloning and expression analysis in benign and malignant breast tissues," <i>FEBS Lett.</i> 290(1-2):247-249 (September 1991) (Abstract).	
	AG	FREIJE, JP <i>et al.</i> , "Human Zn-alpha 2-glycoprotein: complete genomic sequence, identification of a related pseudogene and relationship to class I major histocompatibility complex genes," <i>Genomics</i> 18(3):575-587 (December 1993) (Abstract).	
	AH	SÁNCHEZ, L.M. <i>et al.</i> , "Biochemical characterization and crystalization of human Zn-α <sub>2</sub> -glycoprotein, a soluble class I major histocompatibility complex homolog," <i>P.N.A.S.</i> 94:4626-4630 (April 1997).	
	AI	UEYAMA, H. <i>et al.</i> , "Cloning and nucleotide sequence of a human Zn-alpha 2-glycoprotein cDNA and chromosomal assignment of its gene," <i>Biochem. Biophys. Res. Comm.</i> 177(2):696-703 (June 1991) (Abstract).	
	AJ	UEYAMA, H. <i>et al.</i> , "Molecular cloning and chromosomal assignment of the gene for human Zn-alpha 2-glycoprotein," <i>Biochemistry</i> 32(48):12968-12976 (December 1993) (Abstract).	

Examiner Signature		Date Considered	
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<sup>1</sup> Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIP Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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